

Please revise the claims to read as follows:

1. (currently amended) A semi-enclosed gel system for release of volatile materials, wherein the dimensions of the gel system, in the x, y, and z dimensions, are such that:

- a. x_i/y_i ~~x_i/y_i~~ > 1.5 , preferably ~~> 2.0~~ , and most preferably ~~> 5.0~~ ,
- b. H_i/z_i ~~H_i/z_i~~ > 2.0 , preferably ~~> 4.0~~ , and most preferably ~~> 5.0~~ ,
- c. $x_F/y_F > 2.0$, preferably ~~> 5.0~~ , and most preferably ~~> 5.0~~ ,
- d. $\frac{(A_p)_{\text{final}}}{(A_p)_{\text{initial}}} > 0.19$, preferably ~~> 0.4~~ ,
 $\frac{(A_p)_{\text{final}}}{(A_p)_{\text{initial}}} \text{ most preferably } > 0.7$,

wherein: A_D = Surface Area of the gel that is directly exposed to ambient flowing air

A_P = Area available for permeation of vapors generated within the enclosure

- e. $\frac{(A_p)_{\text{final}}}{(A_p)_{\text{initial}}} > 0.65$, preferably ~~> 0.75~~ , and most preferably ~~> 0.9~~ , and
- f. $\frac{(A_p)(A_P)_{\text{final}}}{(A_p)(A_P)_{\text{initial}}} < 4.0$, preferably ~~< 3.5~~ , and most preferably ~~< 1.5~~ .

wherein: x_i = the longest dimension measured in the x direction of the projection of the directly exposed region of the gel system in the x-z plane at the initiation of volatilization;

y_i = the longest dimension measured in the y direction of the projection of the directly exposed region of the gel system in the x-y plane at the initiation of volatilization;

z_i = the longest dimension measured in the z direction of the projection of the directly exposed region of the gel system in the x-z plane at the initiation of volatilization;

H_i = the longest dimension measured in the z direction of the projection of the entire gel system in the x-z plane at the initiation of volatilization;

x_F = the longest dimension measured in the x direction of the projection of the directly exposed region of the gel system in the x-z plane at the end of volatilization;

y_F = the longest dimension measured in the y direction of the projection of the directly exposed region of the gel system in the x-y plane at the end of volatilization;

z_F = the longest dimension measured in the z direction of the projection of the directly exposed region of the gel system in the x-z plane at the end of volatilization; and

H_F = the longest dimension measured in the z direction of the projection of the entire gel system in the x-z plane at the end of volatilization.

2. (original) The semi-enclosed gel system of claim 1, wherein:

- a. the ratio of final to initial values of A_D is greater than 0.65;

- b. the ratio of final to initial value A_p is less than 4.0; and
- c. the aspect ratio of the cross-section of the gel is greater than 1.5.

3. (original) The semi-enclosed gel system of claim 2, wherein said volatile material is selected from the group consisting of materials employed for air freshening, insect control, and odor abatement.

4. (original) The semi-enclosed gel system of claim 2, wherein said volatile material is a fragrance.